



Name	Viacheslav Nikichanov
Position, Department/Faculty	Associate Professor, Department of Aircraft Manufacturing Technology, Faculty of Aircraft Engineering
Academic Degree, Academic Title	PhD
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Scopus Author ID:	57222759511
Web of Science ResearcherID:	NRV-7745-2025
ORCID iD:	0000-0002-5913-1043
Google Scholar:	https://scholar.google.com.ua/citations?user=qnLI2HcAAAAAJ&hl=uk
ResearchGate:	https://www.researchgate.net/profile/Vyacheslav-Nikichanov

EDUCATION:

Basic education (university, major, year of graduation):

Ukrainian Engineering and Pedagogical Academy

1998 Bachelor's degree in Welding;

1999 Mechanical Engineer Specialist diploma in Welding Technology and Equipment

Postgraduate/Doctoral studies:

Philosophy doctor in Refractory Non-Metallic Materials Technology, National Technical University 'Kharkiv Polytechnic Institute', Kharkiv, ДК043790, 13.12.2007

WORK EXPERIENCE:

Professional Career (Workplace, Years, Position):

[01.09.2021] – [till now]

[Associate Professor, Department of Aircraft Manufacturing Technology, National Aerospace University 'Kharkiv Aviation Institute']

[01.09.2008 - 28.08.2021]

[Associate Professor, Department of Metal and Wooden Structures, Kharkiv National University of Civil Engineering and Architecture]

[27.06.2006] – [22.08.2008]

[Researcher, OJSC 'Ukrainian Research Institute of Refractories named after A.S. Berezhny']

[24.12.2002] – [26.06.2006]

[Junior researcher OJSC 'Ukrainian Research Institute of Refractories named after A.S. Berezhny']


[13.09.1999] – [23.12.2002]

[Engineer OJSC 'Ukrainian Research Institute of Refractories named after A.S. Berezhny']

[01.07.1999] – [30.08.1999]

[Foreman of the cutting and welding section JSC Turboatom]

Teaching Experience:



16th years

RESEARCH ACTIVITIES:

Main Research Areas:

Welding and Allied processes. Additive manufacturing, Reverse engineering

Number of Publications (Scopus, WoS, others):

49 Articles

Monographs, Textbooks:

1 textbook Контроль зварних з'єднань [Електронний ресурс] : навч. посіб. / О. К. Горлов, О. В. Келеберда, С. Ю. Миронова, В. В. Нікічанов. – Харків : Нац. аерокосм. ун-т ім. М. Є.

Жуковського «Харків. авіац. ін-т», 2023. – 90 с.

<http://dspace.library.khai.edu/xmlui/handle/123456789/7904>

Participation in Scientific Conferences:

in 17th conferences

TEACHING ACTIVITIES:

Courses Taught:

Welding in Aircraft Manufacturing; Technologies of Engineering Materials; Basic Methods of Additive Manufacturing; Fundamentals of Additive Manufacturing; Scientific and Applied Issues in A.M.; Technological Systems of Life Cycle Support of Aerospace Industry Products; Fundamentals of Aircraft Manufacturing and Maintenance; Additive Manufacturing Technologies for Aviation Parts

SELECTED PUBLICATIONS:

Key Articles (Scopus, WoS, others):

S. Knyazev, O. Rebrova, V. Riumin, V. Nikichanov, A. Rebrova Establishment of structure and operational properties of borated layers on 40X steel obtained from paste by induction heating // Functional Materials. 2021; 28 (1): p. 76-83.

doi: <https://doi.org/10.15407/fm28.01.76>

Miroshnikov V., Savin O., Younis B. Nikicchanov V Solution of the problem of the theory of elasticity and analysis of the stress state of a fibrous composite layer under the action of transverse compressive forces// Eastern-European Journal of Enterprise Technologies, 4 (7 (118)), 23–30

<https://doi.org/10.15587/1729-4061.2022.263460>

Solving the Problem of Elasticity for a Layer with N Cylindrical Embedded Supports, Vitaly Miroshnikov , Oleksandr Savin, Vladimir Sobol and Vyacheslav Nikichanov, September 2023, Computation 11(9):172

<https://doi.org/10.3390/computation11090172>

Maiorova, K., Kapinus, O., Nikichanov, V., Skyba, O., Suslov, A. (2024) Devising a methodology for prototyping convex-concave parts using re-verse-engineering technology providing the prede-fined geometric accuracy of their manufacturing. Eastern-European Journal of Enterprise Technologies, 4 (1 (130)), 112–120. DOI: 10.15587/1729-4061.2024.308047

Maiorova K., Nikichanov V., Lysochenko I., Myronova S. Implementation of reengineering technology



in the technological preparation for general aviation airplane wing tip manufacturing based on the construction of a digital mock-up. Eastern-European Journal of Enterprise Technologies, DOI: <http://dx.doi.org/10.15587/1729-4061.2024.308047>

Links to Citation Database Profiles:

<https://www.scopus.com/authid/detail.uri?authorId=57222759511>
<https://scholar.google.com.ua/citations?user=qnLI2HcAAAAJ&hl=uk>
<https://www.researchgate.net/profile/Vyacheslav-Nikichanov>

ADDITIONAL INFORMATION:

Language Proficiency:

English (B1/B2) Certificate Nr KJ-A Nr.23/05/160. Issue date: 20.05.2023. English, level B2. (Poland, /Częstochowa city)

IT Skills:

Microsoft Office (Word, Excel, PowerPoint), Solid Works, Artec Studio